

AMENDMENT

Please replace pending Claims 1, 8, 16, and 18 with the following corresponding amended claims. A copy of the marked-up claims pursuant to amended rule 37 C.F.R. 1.121. is enclosed as Attachment A.

In the Claims:

Amend Claims 1, 10, 16, and 18 as follows:

1. (Twice Amended) A surface-mountable electrical circuit protection device comprising:
 - a first electrically insulative supporting substrate having a first end and a second end and only one electrode disposed on a first surface thereof, the electrode extending to the first end of the first substrate but not the second end of the first substrate;
 - a second electrically insulative supporting substrate having a first end and a second end and only one electrode disposed on a first surface thereof, the electrode extending to the second end of the second substrate but not the first end of the second substrate;
 - a PTC element having a first end and a second end and a first surface and a second surface running therebetween, the PTC element comprised of a polymer having conductive particles dispersed therein, the PTC element positioned between the first and second supporting substrates and electrically connected to the electrodes;
 - the electrode disposed on the first surface of the first supporting substrate is also disposed on the first surface of the PTC element and is the only electrode disposed on the first surface of the PTC element, and extends to the first end of the PTC element but not the second end of the PTC element, the electrode disposed on the first surface of the second supporting substrate is also disposed on the second surface of the PTC element and is the only electrode disposed on the second surface of the PTC element, and extends to the second end of the PTC element but not the first end of the PTC element;
 - a first electrically conductive end termination wrapping around the first end of the PTC element and electrically contacting the electrode disposed on the first substrate; and
 - a second electrically conductive end termination wrapping around the second end of the PTC element and electrically contacting the electrode disposed on the second substrate.

10. (Amended) The device of Claim 1, wherein the electrode disposed on the first supporting substrate is in direct contact with one of the first or second electrically conductive end terminations but not the other of the first or second electrically conductive end terminations.
16. (Twice Amended) A surface-mountable electrical circuit protection device comprising:
a first electrically insulative substrate having only one electrode disposed thereon;
a first PTC element comprised of a polymer with conductive particles dispersed therein and having a first end and a second end and a first surface and a second surface running therebetween;
a second electrically insulative substrate having a first end and a second end and a first electrode disposed on a first surface thereof and a second electrode disposed on a second surface thereof, the first electrode disposed on the first surface of the second substrate extends to the second end of the second substrate but not the first end of the second substrate, the second electrode disposed on the second surface of the second substrate extends to the first end of the second substrate but not the second end of the second substrate;
a second PTC element comprised of a polymer with conductive particles dispersed therein and having a first end and a second end and a first surface and a second surface running therebetween;
a third electrically insulative substrate having only one electrode disposed thereon;
the first PTC element positioned between the first and second supporting substrates such that:
(i) the electrode disposed on the first substrate is also disposed on the first surface of the first PTC element and extends to the first end of the first PTC element but not the second end of the first PTC element; and (ii) the first electrode disposed on the second substrate is also disposed on the second surface of the first PTC element and extends to the second end of the first PTC element but not the first end of the first PTC element;
the second PTC element positioned between the second and third supporting substrates such that: (i) the second electrode disposed on the second substrate is also disposed on the first surface of the second PTC element and extends to the first end of the second PTC element but not the second end of the second PTC element; and (ii) the electrode disposed on the third substrate is also disposed on the second surface of the second PTC element and extends to the second end of the second PTC

element but not the first end of the second PTC element;

a first conductive end termination wrapping around a first end of the device; and

a second conductive end termination wrapping around a second end of the device.

18. (Amended) The electrical device of Claim 16 wherein the first, second and third substrates are formed from a material selected from the group consisting of ceramic, FR-4 epoxy, glass, and melamine.